

Claims

1. A system for updating a display interface associated with a workload balancing system for distributing data processing transactions into a plurality of messages and for dynamically allocating each of the messages to different computer systems for
5 performance comprising:
- means for requesting the performance of a data processing transaction;
 - server computer for distributing the transaction into a plurality of messages and allocating the messages to different computer systems;
 - display interface for displaying the allocated messages and associated
10 computer systems, wherein the display interface is operatively associated with the server computer; and
 - means for communicating allocation history for each allocated message to the display interface.
2. The system of claim 1 further including a server queue for storing the plurality of
15 messages from the distributed transaction.
3. The system of claim 2 wherein each of the different computer systems has an associated queue for storing messages allocated to each respective computer system.
4. The system of claim 3 wherein at least one of the different computer systems has means for reallocating to other computer systems, messages initially allocated to the
20 one computer system.
5. The system of claim 4 further comprising a means for sending a tracking message to the display interface each time a message is reallocated.

6. A method for updating a display interface used to track data processing transactions distributed into a plurality of messages that are dynamically allocated to different computer systems for performance comprising:

- in response to a request for the performance of a data processing transaction,
- 5 distributing, from a server computer, the transaction into a plurality of messages and allocating the messages to different computer systems;
- displaying allocated messages and associated computer systems at a display interface, wherein the display interface is operatively associated with the server computer; and
- 10 communicating allocation history for each allocated message to the display interface.

7. The method of claim 6 further comprising storing the plurality of messages from the distributed transaction in a server queue.

8. The method of claim 7 further comprising storing messages allocated to each
- 15 respective computer system in a queue associated with the computer system.

9. The method of claim 8 further comprising reallocating to other computer systems, messages initially allocated to one of the different computer systems.

10. The method of claim 9 further comprising displaying the reallocated messages and computer systems to which the messages are reallocated.

- 20 11. The method of claim 10 further comprising sending a tracking message to the display interface each time a message is reallocated.

12. A computer program product on a computer readable medium for use in a data processing system for administering exam content from a server to a number of clients over a network, comprising:

- instructions for requesting the performance of a data processing transaction;
- 5 instructions for distributing, at a server computer, the transaction into a plurality of messages and allocating the messages to different computer systems;
- instructions for displaying, at a display interface, the allocated messages and associated computer systems; and
- 10 instructions for communicating allocation history for each allocated message to the display interface

13. The product of claim 12 further comprising instructions for storing the plurality of messages from the distributed transaction in a queue.

14. The product of claim 13 further comprising instructions for storing messages allocated to each respective computer system in a queue associated with the computer system.

15. The product of claim 14 further comprising instructions for reallocating to other computer systems, messages initially allocated to one of the different computer systems.

16. The product of claim 15 further comprising instructions for displaying the reallocated messages and computer systems to which the messages are reallocated.

17. The product of claim 12 further comprising instructions for sending a tracking message to the display interface each time a message is reallocated.